# Personal Learning Device (PLD) Initiative

# The National Digital Literacy Programme and the PLD Initiative

An Overview

# The National Digital Literacy Programme (NDLP)

1. The NDLP was launched in March 2020 to help students **strengthen their digital literacy and acquire digital skills** needed to navigate an increasingly digitalised world.

2. Under the NDLP, every secondary school student will **own a school-prescribed Personal Learning Device (PLD)**. Students may use funds from their Edusave Account to pay for the PLD.

# Intended Outcomes of the PLD Initiative

The use of the PLD for teaching and learning aims to:



**Support the Development of Digital Literacy**



**Support Self-Directed and Collaborative Learning**



**Enhance Teaching and Learning**

# How will your child/ward use the PLD?

**At St Patrick's School, your child will be using the PLDs for...**

- active learning
- authentic learning tasks that require research, digital creation, and collaborative learning
- accessing online learning platforms and materials
- self-directed work
- alternative assessments
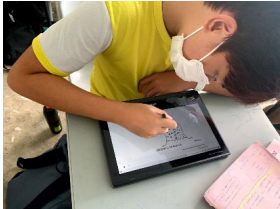
# Cyber Wellness Concerns Identified by Local Studies/Surveys

**Harmful Online Content**

**Gaming and associated risks**

**Cyberbullying**

**Excessive social media use**
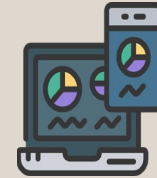
# Supporting Safe and Effective Use of PLD

MOE has put in place measures to provide students with a safer digital learning environment:

**Cyber Wellness Education**

**School-Based Learning Routines**

**Device Management Application (DMA)**

# Classroom Management and Routines

## Self-management

Promote self management skills through

cyber wellness thinking routines

(**STOP, THINK, CHOOSE, ACT**)



Conflict Resolution Model

**STOP** (What?)
What is the issue?
Who is affected by my actions?
How am I affected by others?

**THINK** (So what?)
Think of all factors.
Think of others.
Think of the consequences.

**CHOOSE** (So what?)
What is the right thing to do and why?
Choose an action that reflects the school values.

**ACT** (Now what?)
Just do it.
Solve the problem.
Mend the relationship

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# Classroom Management and Routines

# Cyber Wellness Education

**Educating students on Cyber Wellness**

MOE has made significant changes to the Character and Citizenship Education. Cyber Wellness lessons will feature significantly in the CCE2021 lessons.

Topics covered in the Cyber Wellness lessons include:

- Cyber Use
- Cyber Identity
- Cyber Relationships
- Cyber Citizenship
- Cyber Ethics

# Parents'/Guardians' Role

We would like to partner parents/guardians to ensure that students are well supported in their use of technology for learning.

As parents/guardians, you can help in the following ways:

- Model good digital habits for your child/ward e.g. parents/guardians not using devices during family meals.

- Know your child/ward well, and have conversations with your child/ward about safe and responsible use of technology.

- Discuss and come up with ground rules for internet/device usage that both your child/ward and you can agree with.

- Encourage your child/ward to use productivity tools using his/her PLD, to organise information and simplify tasks for efficiency.

# Supporting Resources – available on school website

Parents/guardians play a crucial role in guiding your child/ward to use devices responsibly and safely. DMA complements your efforts in supporting your child/ward as they navigate the digital space. Here are some resources that you can refer to:

**A. Parent Kit**

**B. Bite-size tips and advice via Parentingwith.MOEsg Instagram**

**C. Resources from MOE and other agencies** *(available on resources repository in Parents Gateway)*
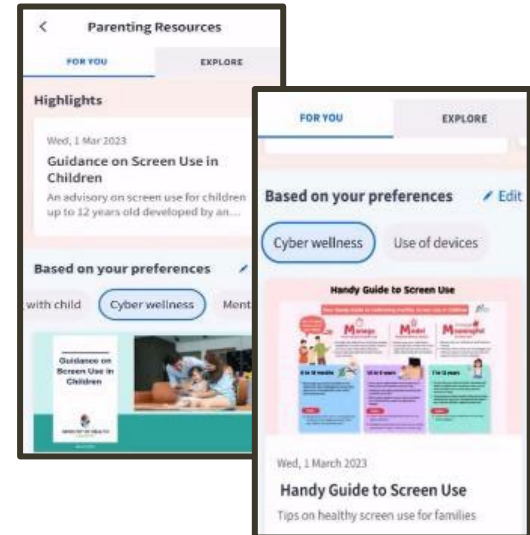
# Supporting Resources

## D. Parenting for Wellness Toolbox for Parents

The following extracted quick tips and strategies have been shared to you via Parents Gateway. Click on the pink header to download the full suite of resources of the Toolbox.
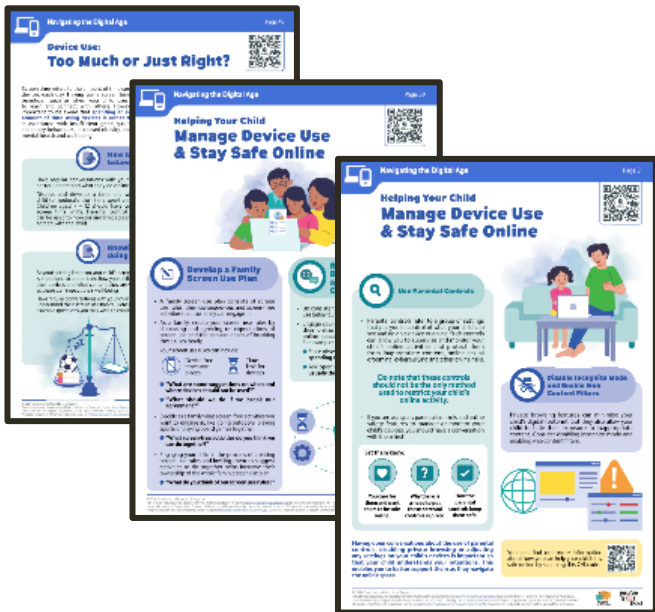
## E. More resources are available via MOE Cyber Wellness Webpage
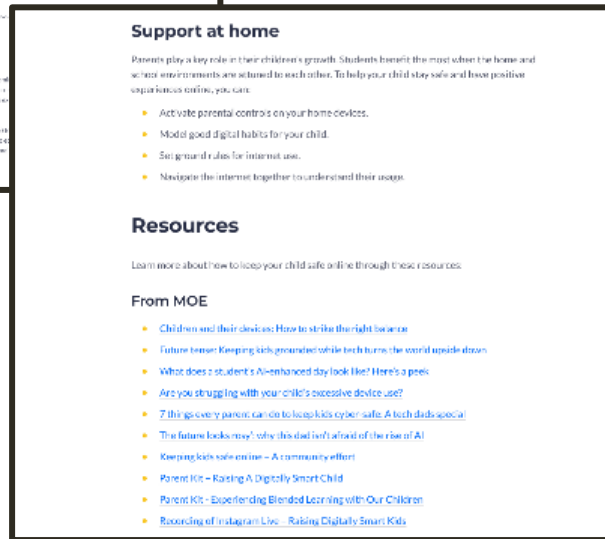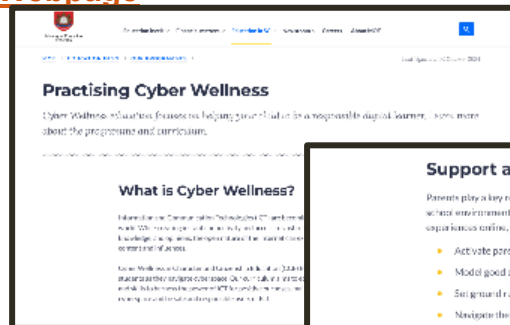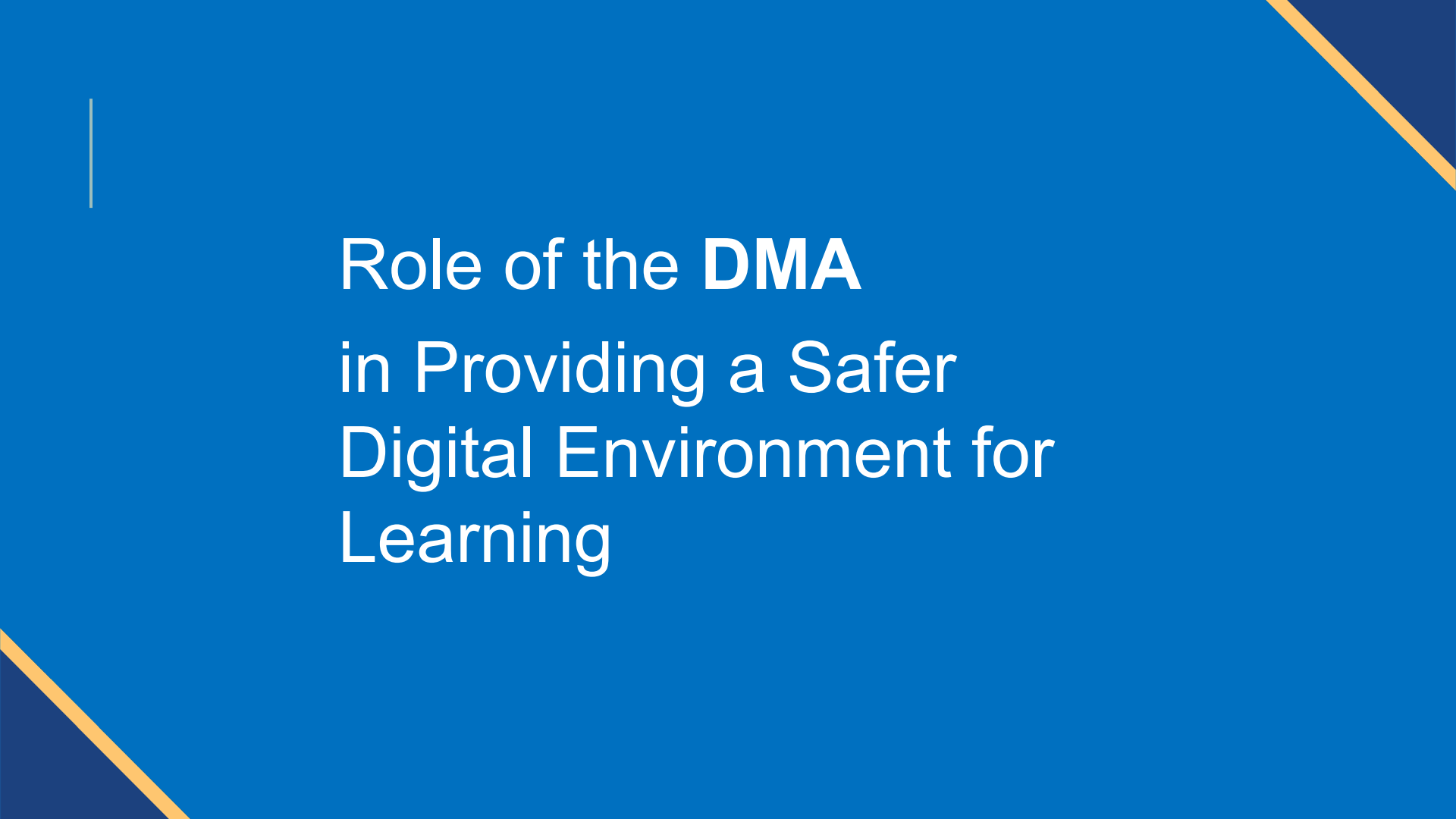
# Supporting Resources

**F. Parent Handbooks (I) and (II) on Learning with a Personal Learning Device**

These Handbooks provide tips on supporting your child in the use of PLDs for learning and are shared via the PG notification together with the letter to purchase PLDs.
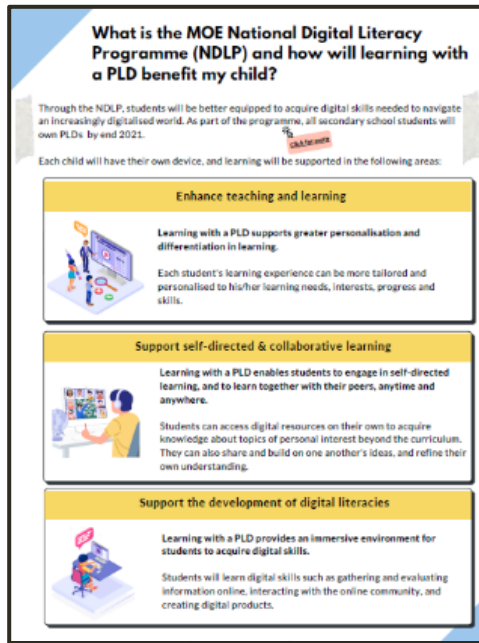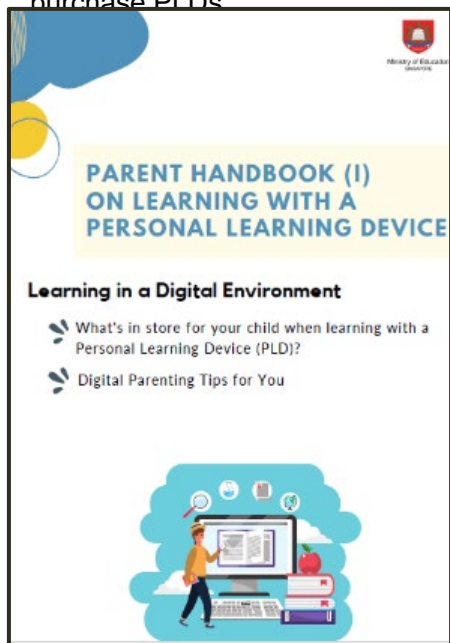
# Role of the **DMA**

## in Providing a Safer Digital Environment for Learning

# DMA Installation

- The Chromebook Device Management Application (DMA) solution, Lightspeed Systems®, will be installed on all students' devices to provide a safe learning experience for students. The DMA will be funded by MOE.

- DMA will be installed after the collection of the device. Students will be guided on the installation.

- The installation of DMA applies to both devices purchased through the school and any student-owned devices that parents/guardians opt for the student to use in lieu of the school-prescribed PLD.

- The DMA will be uninstalled from the device when students graduate or leave the school.

# DMA After-School Parent Options

Ministry of Education SINGAPORE

| | DEFAULT | OPTION A<br>Modify DMA settings | OPTION B<br>Disable DMA settings |
|---|---|---|---|
| **FILTERING OF <u>WEB CONTENT</u>** | MOE / School sets the level of filtering | Parent can apply additional filters | No content filtering |
| **CONTROL OF <u>APPLICATIONS</u>** | Parent cannot install additional applications | Parent can install additional applications* | Parent can install additional applications* |
| **LIMITS TO <u>SCREEN TIME</u>** | School sets limits for screen time | Parent can modify limits for screen time | No limits to screen time |
| **MONITORING OF <u>CYBER ACTIVITIES</u>** | Parent cannot monitor child's browser history | Parent can monitor child's browser history | No data is collected<br><br>Parent cannot monitor child's use of the device through the DMA |

A separate PG to choose an option will be sent after the collection of device.

💡 Opting for the Default DMA setting for after-school use is the best option for parents who prefer not to or do not feel ready to manage their child's device use on their own.

School hours: 6.30 am to 6 pm
Sleep Hours: 11 p.m. to 6.30 a.m.

# Device and Funding Information

## St Patrick's School's Personal Learning Device



**Acer Chromebook Spin R857TN (Enhanced)**

The school chose the device because of:

- Portability

- Durability

- Teaching & Learning (T&L) Affordances (touch screen with stylus, two cameras, microphone, compatibility with our T&L platforms/apps)

- Student familiarity in using Chromebook

- Good battery run time

- Price

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# St Patrick's School's Personal Learning Device



## Device Bundle includes

- Associated accessories- USB Mouse, Power adaptor, Carrying case, Stylus
- 3-year warranty and 3-year insurance
- 2 repairs or 1 replacement claim

**ACER R857TN (enhanced)**
**Total Cost with GST: $570**

Intel N250 processor,
8GB RAM, 64GB Storage,
12.2" Screen Size

| | | | |
|---|---|---|---|
| 1. Webcam | 6. USB 3.2 Gen 1 Type-A port | 11. Service keyboard | 15. USB 3.2 Gen 1 Type-A port / SIM card slot for LTE SKU |
| 2. Webcam shutter | 7. USB Type-C ™ port | 12. 5M Webcam | |
| 3. Microphones | 8. Volume key | 13. Kensington lock slot (Nano type) | 16. Headset/speaker jack |
| 4. 12.2" display | 9. Power button | 14. USB Type-C ™ port as main charging port | 17. Battery indicator |
| 5. HDMI® 1.4 port with HDCP support | 10. Touchpad | | 18. Stylus (optional) |
| | | | 19. Speaker |

# Insurance Coverage

The package includes a 3-year warranty, and 3-year insurance which includes:

| Insurance Coverage | Claimable |
|---|---|
| • Fire<br>• Lightning<br>• Power Surges<br>• Accidental e.g water spillage, drop etc<br>• Theft due to forcible entry<br>• Robbery<br><br>* Accidental loss will not be covered by insurance. | 2 repairs or 1 replacement (3-year insurance) |

# Technical Support for Students' Devices

Technical support will be provided to students through:

- Our ICT manager / desktop engineers (during recess and after school, at level 2 staff room)
  - Troubleshooting of device issues
  - Solve connectivity issues
  - Collection of devices to be sent for repairs
- Acer's service centres (fortnightly)
  - Repair of devices (hardware issues)

# Funding Support for Singapore Citizen (SC) Students

- **The cost of the device bundle can be paid using your child's/ward's Edusave account,** after setting aside provision for payment of miscellaneous fees.

- To ensure the affordability of devices, MOE has provided additional Edusave top-ups of $200 in 2020 to 2022, and $300 in 2023, to all eligible Singaporean students in primary and secondary schools.

- This is on top of the annual $290 credited into the Edusave account for Secondary School students and $230 for Primary School students.

# Funding Support for Singapore Citizen (SC) Students

- For SC students who are on MOE Financial Assistance Scheme or whose family's monthly income meets the following criteria:

    Gross Household Income (GHI) ≤ $3,000, or

    Per Capita Income (PCI) ≤ $750

    MOE will subsidise 50% of device bundle cost or $350, whichever is lower.

- The remaining amount will be payable from the students' Edusave account. If there is insufficient balance in the students' Edusave account for the remaining amount, MOE will provide additional subsidy so that the cash out-of-pocket (OOP) is $0.

# What's Next?

# We need 3 things to proceed:

1. Express your intent to purchase the device
2. Allow the use of Edusave for payment of device
3. Allow your child to collect the device in school

# For Singapore Citizens (SC) Students

| Time Frame | Activity |
|---|---|
| **By 17 Jan** | Submit consent to PLD purchase <u>via the PG notification</u> which includes the following:<br><br>• Intent to Purchase Personal Learning Device (PLD);<br>• Authorisation Form for the Collection of PLD<br><br>**Through the online form at the following link**<br><br>**https://go.gov.sg/edusaveformsgso** |
| **(TBC)** | Collection of devices by students |

- Link can be found in PG
- Needs **singpass**

Parents without access to PG can submit their consent via hardcopy

## *Intent to Purchase PLD*

1.     Please tick the following and submit the form to the General Office <u>no later than</u> <u>17 Jan</u>.:

☑     **Yes**, I would like to purchase the PLD bundle described in paragraph 3 of this letter and would like to use my child's/ward's Edusave (to the applicable limit) to pay for the PLD bundle. I understand that where there are insufficient Edusave funds to pay for the PLD bundle, I will pay for the remainder in cash.

☐     **Yes**, I would like to purchase the PLD bundle described in paragraph 3 of this letter and would like to fully pay for the PLD bundle in cash.

☐     **No**, I would not be purchasing the PLD bundle described in paragraph 3 of this letter and would like my child/ward* to use his/her* own personal computing device in school. I am aware that this is subject to the personal computing device being compatible with the DMA.

# *Standing Order for Use of Edusave account*

**USE OF EDUSAVE ACCOUNT FOR PERSONALISED DIGITAL LEARNING PROGRAMME**

**STANDING ORDER[1] INSTRUCTION FROM PARENT / GUARDIAN**

**(Please tick as appropriate.)**

1    I wish to use my child's/ward's* Edusave account for payment:

☑    Personal Learning Device (under the Personalised Digital Learning Programme)[2]

2    I hereby give a standing instruction to authorise the school to withdraw from my child's/ward's* Edusave account to pay for the fees/charges indicated above.

3    If the balance in my child's/ward's* Edusave account is insufficient for the deduction, I agree to pay the shortfall in cash or from my GIRO account.

# For Permanent Residents / International Students

| Time Frame | Activity |
|---|---|
| **By 17 Jan** | Submit hardcopy form* of 'Intent to Purchase Personal Learning Device'<br>By hand to school |
| **By 17 Feb** | Parent/Guardian to make payment via Giro or cash (at general office) |
| **(TBC)** | Collection of devices by students |

*Get hardcopy form from HOD ICT or general office

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## Collection of Devices

Your child will be collecting his device from March onwards (TBC)

- By default, the collection of device will be in school.

- During the collection process, a member of the school staff will be present to assist him in ensuring that the device is in good working condition.

## Collection of Devices (con't)

- Should you be concerned that your child will not be able to properly verify the condition of the computing device, please arrange to either collect the computing device personally or appoint an adult proxy.

- Self-collection will have to be made at the vendor's collection centre:

  ***Acer Computer (Singapore) Pte Ltd***
  29, International Business Park #01-07,
  Acer Building, Tower A, Service Centre (Side Entrance)
  Singapore 609923

- After collection, the device is to be handed over to the school, for installation of the DMA, the following day.

- Please email (syed_salleh@moe.edu.sg) for further advice or clarification if you would like to make this arrangement.

# Important Contacts / Helplines

| To access/find out more about... | Contact/Helpline |
|---|---|
| This deck of slides | https://stpatricks.moe.edu.sg/about/pdlp |
| Edusave Balance | **6260 0777** |
| Financial assistance and enquiries | Joyce (Admin Manager)<br>6344 0929 ext. 105 or leow_li-sze@moe.edu.sg |
| Curriculum and technical matters | Syed Salleh (HoD ICT)<br>syed_salleh@moe.edu.sg |
| Any other matters | stpatricksch@moe.edu.sg |